

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-12 are pending in the present application. Claims 1-12 are amended, by the present amendment.

Applicants submit that claim amendments find support in the specification and claims as originally filed, at least at page 40 line 15, to page 51, line 14 and Figs. 44 and 45. Thus, no new matter is added.

In the outstanding Office Action, the specification was objected to and Claims 1-12 were rejected under 35 U.S.C. § 112, second paragraph.

Regarding the objections to the specification, the Title, Abstract and Summary of the specification are each amended for clarity in light of comments in the Office Action.

Accordingly, it is respectfully requested those objections be withdrawn.

Further, regarding the rejection of Claims 1-12 under 35 U.S.C. § 112, second paragraph, Claims 1-12 are amended for clarity.

Amended Claim 1 is directed to an information processing system that includes, in part, means for changing a local memory to be mapped in part of the effective address space of the first thread from the one of the second local memory and the third local memory to the other of the second local memory and the third local memory when a processor that executes the second thread is changed from said one of the second processor and the third processor to the other of the second processor and the third processor.

For example, when the second thread is executed by the second processor, the local memory in the second processor may be mapped in part of the effective address space of the first thread. When the processor that executes the second thread is changed from the second processor to the third processor, the local memory to be allocated to the effective address

space of the first thread may be automatically changed from the local memory in the second processor to the local memory in the third processor.

Accordingly, Applicants respectfully submit that the amended claims particularly point out and distinctly claim the subject matter of the invention. Thus, it is respectfully requested that the rejection under 35 U.S.C. § 112, second paragraph, be withdrawn.

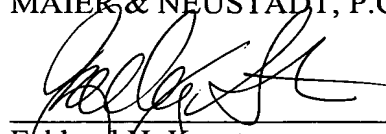
Therefore, Claims 1-12 are believed to be allowable.

Further, Applicants note that an indication that the documents in the IDS filed on August 9, 2004 were considered has not been received. Accordingly, Applicants respectfully request an initialed copy of PTO Form 1449 indicating consideration of the documents filed with the IDS on August 9, 2004.

Consequently, in light of the above discussion and in view of the present amendment, the present application is believed to be in condition for allowance and an early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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